FIG. 1

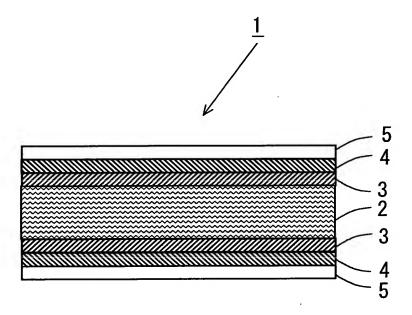


FIG. 2

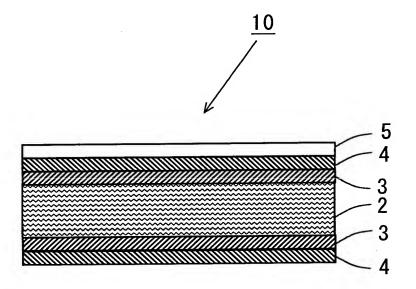


FIG. 3

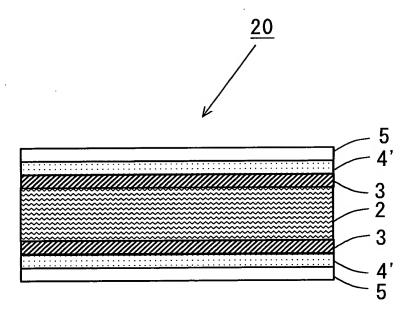


FIG. 4

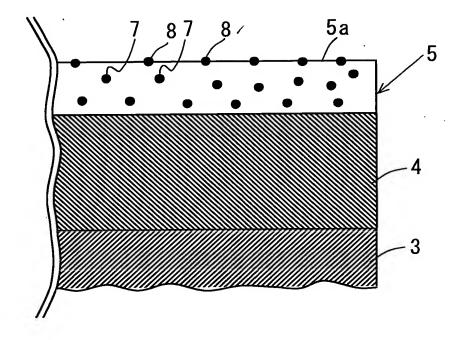


FIG. 5

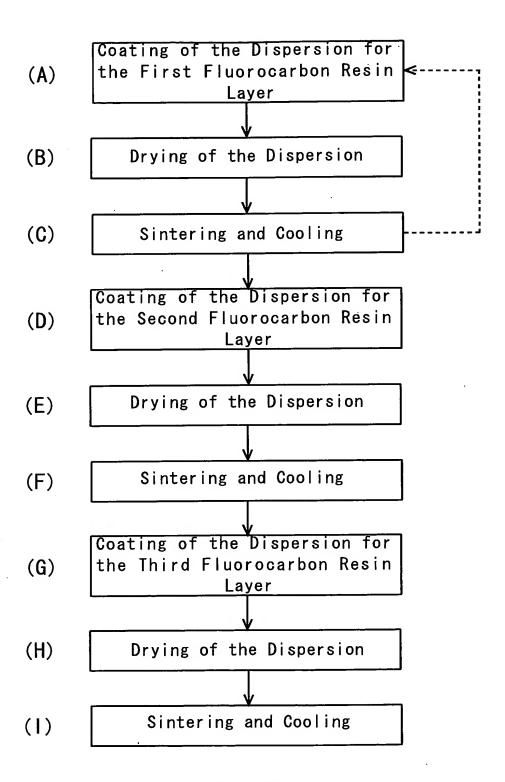


FIG. 6

	FEP	TiO ₂	Water	Surface		FEP:TiO ₂
1	Dispersion	Dispersion		Active Agent		
l	(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
	21	62. 8	94. 4	1.8	180	40:60

FIG. 7

	FEP	TiO ₂	Water	Surface		FEP:TiO ₂
ם	Dispersion	Dispersion		Active Agent		
	(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
	42. 3	54. 4	81. 5	1. 8	180	60:40

FIG. 8

[FEP	TiO ₂	Water	Surface		FEP:TiO ₂
Ì	Dispersion	Dispersion		Active Agent		(M. D. D. J.)
	(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
	58. 9	48. 6	70. 7	1. 8	180	70:30

FIG. 9

FEP	TiO ₂	Water	Surface		FEP:TiO ₂
Dispersion (kg)	Dispersion (kg)	(kg)	Active Agent (kg)	Total Mass (kg)	(Mass Ratio)
				180	80:20
80. 9	39	58. 3	1. 8	180	80.20

FEP	TiO ₂	Water	Surface		FEP:TiO2
Dispersion	Dispersion		Active Agent		
(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
117. 6	25. 2	35. 4	1. 8	180	90:10

FEP	TiO ₂	Water	Surface	· · · · · ·	FEP:TiO ₂
Dispersion	Dispersion	_	Active Agent		
(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
14. 6	65. 7	97. 9	1. 8	180	30:70

FEP	TiO ₂	Water	Surface		FEP:TiO ₂
Dispersion	Dispersion		Active Agent		
(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
8. 8	67. 5	101. 9	1. 8	180	20:80

FEP	TiO ₂	Water	Surface		FEP:TiO ₂
Dispersion	Dispersion		Active Agent	Total Mass	
(kg)	(kg)	(kg)	(kg)	(kg)	(Mass Ratio)
4. 1	70. 2	103. 9	1. 8	180	10:90

Sample	FEP:TiO ₂ (Mass Ratio)	Evaluation of Thermal Bondability	Evaluation of Antifouling
Example 1	40:60	0	0
Example 2	60:40	0	0
Example 3	70:30	0	0
Example 4	80:20	0 ;	0
Example 5	90:10	0	Δ
Example 6	60:40	0	0
Comparative Example 1	30:70	×	Δ
Comparative Example 2	20:80	×	Δ
Comparative Example 3	10:90	×	Δ
Comparative Example 4	100:0	0	×

FIG. 15

0,00	Evaluation	0	0	0	0	0	0
Evaluation	of Antifouling	0	0	0	0	۵	0
Evaluation	of Thermal Weldability	0	0	0	0	0	0
Measurement of Contact Angle with Water (degrees)	After UV Irradiation	107. 0	104. 7	106. 3	111. 9	109. 2	104. 7
Measureme Angle with M	Right after Manufacture	119. 2	110. 2	112.0	114.3	110. 4	110.2
	Color Difference ∆E*	27. 27	28. 02	16. 66	13. 10	4.94	28. 02
tion of Oleic Glyceride	FEP:TiO ₂ Coated Decomposed Decomposition Difference dass Ratio) (mg) (mg/cm²-day) ΔE^*	0. 56	0.40	0.40	0. 52	0.40	0.40
position of Ol	Decomposed (mg)	14	10	10	=	10	10
Decomposit	Coated (mg)	106	111	119	113	117	111
	FEP:TiO ₂ Coate (Mass Ratio) (mg)	40:60	60:40	70:30	80:20	90:10	60:40
	Sample	Example 1	Example 2	Example 3	Example 4	Example 5	Example 6

FIG. 16

				l	
	Overall Evaluation	×	×	×	×
Evaluation	of Antifouling	۵	◁	∢	×
Evaluation Evaluation	of Thermal of Weldability Antifouling	×	×	×	0
Measurement of Contact Angle with Water (degrees)	After UV Irradiation	106. 0	105. 4	80.5	1
Measureme Angle with V	Right after Manufacture	123. 7	120.8	108.9	
	Color Difference ∆E*	26.83	26.00	28. 21	
eic Glyceride	FEP:TiO ₂ Coated Decomposed Decomposition Difference Mass Ratio) (mg) (mg/cm 2 -day) ΔE^*	0. 60	0. 48	0. 44	
Decomposition of Oleic Glyceride	Decomposed (mg)	15	12	11	
Dесоm	Coated (mg)	106	117	114	
	FEP:TiO ₂ (Mass Ratio)	30:70	20:80	10:90	100:0
	Sample	Comparative Example 1	Conparative Example 2	Conparative Example 3	Comparative Example 4